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An apparatus for coating an article, said apparatus comprising:
 an applicator;

a conveyor for sequentially transporting a plurality of articles to said applicator; and

a metering bar positioned against said applicator to meter a predetermined amount of coating composition to said applicator for transfer to an article transported to said applicator by said conveyor.

- 2. The apparatus of claim 1, wherein said applicator comprises a roller having a durometer of no greater than about 55 Shore A.
 - 3. The apparatus of claim 1 wherein said coating apparatus is capable of applying a substantially uniform layer of coating composition on a plurality of articles having different dimensions.

4. The apparatus of claim 1 wherein the end of said metering bar positioned against said roller has a radius of at least about 2.5 mm.

- 5. The apparatus of claim 1 wherein the end of said metering bar positioned against said roller has a radius of at least about 4.0 mm.
- 6. The apparatus of claim 1 wherein said metering bar exerts a force of at least about 35 g/cm width against said applicator.
- 7. The apparatus of claim 1 wherein said metering bar exerts a force of from about 45 g/cm width to about 900 g/cm width against said applicator.
- 8. The apparatus of claim 1, wherein said conveyor is positioned relative to said applicator such that said applicator is capable of coating the edge face of a roll of tape disposed between the conveyor and said applicator.

- 9. The apparatus of claim 1, wherein said applicator comprises a roller.
- The apparatus of claim 1, wherein said applicator comprises an endless 10. belt.

The apparatus of claim 1, further comprising a second applicator and a 11. second metering bar positioned against said second applicator to meter a predetermined amount of coating composition to said second applicator, said second applicator being positioned to receive an article from said conveyor.

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The apparatus of claim 9, wherein said first applicator comprises a roller. 12.

roller.

The apparatus of claim 12, wherein said second applicator comprises a 13.

The apparatus of claim 9, wherein said first applicator comprises an endless 14. belt.

15. The apparatus of claim 14, wherein said second applicator comprises an endless belt.

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16. The apparatus of claim 9, wherein said apparatus is capable of substantially simultaneously

transferring a coating composition from said first applicator to a first side of an article, and

transferring a coating composition from said second applicator to a second side of the article opposite said first side of the article.

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17. The apparatus of claim 9, wherein the article is a roll of tape and said apparatus is capable of substantially simultaneously



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- a) transferring a coating composition from said first applicator to a first edge face of a roll of tape, and
- b) transferring a coating composition from said second applicator to a second edge face of the roll of tape opposite said first edge face of the roll of tape.
- 18. The apparatus of claim 9, wherein said first applicator and said second applicator are positioned to maintain an article between said first applicator and said second applicator.
 - 19. A system for manufacturing coated articles, said system comprising a first station comprising a coating apparatus comprising an applicator,
 - a conveyor capable of sequentially transporting a plurality of articles to said applicator, and
 - a metering bar positioned against said applicator to meter a predetermined amount of coating composition to said applicator for transfer to an article transported to said applicator by said conveyor, and
 - a second station for solidifying the coating composition disposed on the article.
 - 20. The system of claim 19, wherein said applicator comprises a roller.
 - 21. The system of claim 19, wherein said applicator comprises an endless belt.
- 22. The system of claim 19, wherein said conveyor is capable of transporting a coated article to said second station.
- The system of claim 19, further comprising a second conveyor capable of
 transporting a coated article from said first station to said second station.

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- 24. The system of claim 19, further comprising a second conveyor comprising a first endless belt and a second endless belt, said second conveyor being positioned to transport a coated article to said second station.
- The system of claim 19, further comprising a second applicator positioned to receive an article from said conveyor, and a second metering bar positioned against said second applicator to meter a predetermined amount of coating composition to said second applicator.
 - 26. The system of claim 19, further comprising a second applicator positioned opposite said first applicator, and a second metering bar positioned against said second applicator to meter a predetermined amount of coating composition to said second applicator.
 - 27. The system of claim 26, wherein said first applicator comprises a roller and said second applicator comprises a roller.
 - 28. The system of claim 26, wherein said first applicator comprises an endless belt.
 - 29. The system of claim 19, further comprising a second conveyor positioned to transport a coated article to said second station.
- The system of claim 19, further comprising a second conveyor comprising
 a first endless belt and a second endless belt, said second conveyor being positioned to transport a coated article to said second station.
 - 31. The system of claim 30, wherein said second conveyor is capable of transporting a coated article between said first endless belt and said second endless belt.

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- 32. The system of claim 19, wherein said second station comprises a source of radiation.
- The system of claim 32, wherein said source of radiation is capable of
 generating radiation selected from the group consisting of ultraviolet radiation and
 electron beam radiation.
 - 34. The system of claim 19, wherein said solidifying comprises curing.
- The system of claim 19, wherein said solidifying comprises drying.

said method comprising:

an applicator;

a conveyor for transporting an article said first applicator; and
a metering bar positioned against said applicator to meter a
predetermined amount of coating composition to said applicator,

A method of coating an article using a coating apparatus comprising

applying a liquid coating composition to said applicator; and transferring said coating composition from said applicator to the article.

- 37. The method of claim 36, wherein said coating composition has a viscosity of at least about 15 cps.
- 25 38. The method of claim 36, wherein said coating composition has a viscosity of at least about 19 cps.
 - 39. The method of claim 36, further comprising curing said coated composition.
 - 40. The method of claim 36, further comprising drying said coated composition

41.	A method of coating the edge face of a roll of tape using a coating
apparatus con	nprising

an applicator;

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a conveyor for transporting a roll of tape to said applicator; and a metering bar positioned against said applicator to meter a predetermined amount of coating composition to said applicator, said method comprising:

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applying a liquid coating composition to said applicator; and transferring said coating composition from said applicator to the edge face of the roll of tape.

42. The method of claim 41, wherein said composition has a viscosity of at least about 15 cps.

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43. The method of claim 41, wherein said composition has a viscosity of at least about 19 cps.

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44. The method of claim 41, wherein the end of said metering bar positioned against said applicator has a radius of at least about 3 mm.

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45. The method of claim 41, wherein the end of said metering bar positioned against said applicator has a radius of at least about 4 mm.

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The method of claim 41, wherein said metering bar exerts a force of at least 46. about 35 g/cm width against said applicator.

about 45 g/cm width to about 900 g/cm width against said applicator.

The method of claim 41, wherein said metering bar exerts a force of from

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- 48. The method of claim 41, wherein said conveyor is positioned relative to said applicator such that said applicator is capable of coating the edge face of a roll of tape disposed between the conveyor and the applicator.
- The method of claim 41, further comprising a second applicator positioned to receive the article, and a second metering bar positioned against said second applicator to meter a predetermined amount of coating composition to said second applicator.
- 50. The method of claim 41, further comprising a second applicator positioned opposite said first applicator, and a second metering bar positioned against said second applicator to meter a predetermined amount of coating composition to said second applicator.
 - 51. The method of claim 41, further comprising curing the composition coated on said edge face.
 - 52. The method of claim 41, further comprising drying the composition coated on said edge face.
 - 53. The method of claim 41, wherein said applicator comprises a roller.
 - 54. The method of claim 41, wherein said applicator comprises an endless belt.
- 55. The method of claim 41, further comprising substantially simultaneously transferring a coating composition to a first side of an article and a second side of the article opposite said first side of the article.
 - 56. The method of claim 41, wherein said article comprises a roll of tape, said method further comprising substantially simultaneously transferring a coating composition to a first edge face of said roll of tape and a second edge face of said roll of tape.

57. An apparatus for coating an article, said apparatus comprising: an applicator roller;

a conveyor for sequentially transporting a plurality of articles to said roller; and

a metering bar positioned against said roller to meter a predetermined amount of coating composition to said roller for transfer to an article transported to said applicator by said conveyor.